

CITY OF SPILLVILLE, IOWA					
THREE - CELL CONTROLLED DISCHARGE LAGOON					
SPILLVILLE WWTF IMPROVEMENTS					
ENGINEER'S ESTIMATE					
July 16, 2009					
With Synthetic Liner					
NO.	ITEM	QUANTITY		UNIT PRICE	TOTAL PRICE
1	Mobilization	1	LS	\$15,000.00	\$15,000
2	8" PVC Sewer (SDR 35)	170	LF	\$28.00	\$4,760
3	6" PVC Sewer (SDR 35)	445	LF	\$23.00	\$10,235
4	6" CL350 DIP Sewer	463	LF	\$35.00	\$16,205
5	4" CL350 DIP Sewer	80	LF	\$30.00	\$2,400
6	48" Manhole Base	5	EA	\$900.00	\$4,500
7	48" Manhole Sidewall	50	LF	\$200.00	\$10,000
8	48" Manhole Flat Top	5	EA	\$400.00	\$2,000
9	Manhole Frame and Cover (Neenah R-1642)	5	EA	\$500.00	\$2,500
10	Effluent Flow Measurement Structure (Complete)	1	EA	\$4,000.00	\$4,000
11	MJ Fittings in Lagoon Piping	500	LBS	\$5.00	\$2,500
12	6" MJ Gate Valve w/Box and Extended Operator	13	EA	\$850.00	\$11,050
13	Crushed Stone for Access Road and Dikes (Class A)	700	TON	\$13.00	\$9,100
14	Lagoon Riprap (6" Thick)	0	TON	\$0.00	\$0
15	Earthwork (Cut)	64,584	CY	\$2.50	\$161,460
16	Topsoil (Strip, Stockpile, Respread) 6"	4,663	CY	\$5.00	\$23,315
17	Sludge Disposal	1,071,249	GAL	\$0.06	\$64,275
18	Synthetic Lner	291,000	SQ FT	\$1.50	\$436,500
19	Splash Pads	3	EA	\$500.00	\$1,500
20	Level Gauge	3	EA	\$1,000.00	\$3,000
21	New Fence (w/ one gate)	2,870	LF	\$8.00	\$22,960
22	Seeding	4.6	AC	\$1,500.00	\$6,900
23	Silt Fence	1,660	LF	\$3.50	\$5,810
24	Rock Checks	8	EA	\$400.00	\$3,200
25	Warning Signs	6	EA	\$250.00	\$1,500
26	Lagoon Lift Station and Valve Vault (Complete)	1	LS	\$120,000.00	\$120,000
27	Standby Generator for Lift Station (Complete)	1	LS	\$25,000.00	\$25,000
	Estimated Construction Subtotal				\$969,670
	Land Acquisition				\$20,000
	Contingency (10%)				\$96,967
	Land Surveying & Soil Borings				\$15,000
	Engineering & Inspection				\$96,967
	Legal & Administration				\$9,697
	Total Project Cost				\$1,208,301